

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/765,231A

CRF Processing Date: 2/19/2002  
 Edited by: De  
 Verified by: De (STIC staff)

ENTERED

1645

4-6  
 4-10-02  
 P.2

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

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FEB 22 2002

TECH CENTER 1600/2900

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

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1645

## RAW SEQUENCE LISTING

DATE: 02/19/2002

PATENT APPLICATION: US/09/765,231A

TIME: 17:12:09

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\02192002\I765231A.raw

2 <110> APPLICANT: Searle/Monsanto  
3 Phippard, Deborah  
4 Vasanthakamur, Geetha  
5 Dotson, Stanton  
6 Ma, Xiao-Jun  
8 <120> TITLE OF INVENTION: Osteoarthritis tissue-derived nucleic acids, polypeptides,  
9 vectors, and cells  
11 <130> FILE REFERENCE: SO-3221 PR  
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/765,231A  
C--> 13 <141> CURRENT FILING DATE: 2001-01-18  
13 <160> NUMBER OF SEQ ID NOS: 82  
15 <210> SEQ ID NO: 1  
16 <211> LENGTH: 310  
17 <212> TYPE: DNA  
18 <213> ORGANISM: Homo sapiens  
20 <400> SEQUENCE: 1  
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24 aatggtgcct tgtgccactt ccccttcta tacaacaacc acaattacac tgattgcaact 120  
26 tctgagggca gaagagacaa catgaagtgg tgtgggacca cacagaacta tgatgccgac 180  
28 cagaagtttg ggttctgccc catggctgcc cagcaggaaa tctgcacaac caatgaaggg 240  
30 gtcattgtacc gcattggaga tcagtgggat aagcagcatg acatggggttc acatgatgag 300  
32 gtgcacgttt 310  
35 <210> SEQ ID NO: 2  
36 <211> LENGTH: 1986  
37 <212> TYPE: DNA  
38 <213> ORGANISM: Homo sapiens  
40 <400> SEQUENCE: 2  
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44 ccacaccaca agatccccac aatgacataa ctccattcag agactggcgt gactgggctg 120  
46 ggtctcccca ccccttcta gctcttgat cactcagaat ctggcagcca gttccgtcct 180  
48 gacagagttc acagcatata ttggtggatt cttgtccata gtgcatctgc tttaagaatt 240  
50 aacgaaagca gtgtcaagac agtaaggatt caaaccattt gccaaaaatg agtctaagtg 300  
52 catttactct ctctctggca ttgattggtg gtaccagtgg ccagtactat gattatgatt 360  
54 ttccctatc aatttatggg caatcatcac caaactgtgc accagaatgt aactgccctg 420  
56 aaagctaccc aagtgccatg tactgtgatg agctgaaatt gaaaagtgt ccaatggtgc 480  
58 ctcttggaat caagtatctt taccttagga ataaccagat tgaccatatt gatgaaaagg 540  
60 cctttgagaa tgtaactgat ctgcagtggc tcattctaga tcacaacctt ctagaaaact 600  
62 ccaagataaa agggagagtt ttctctaaat tgaacaact gaagaagctg catataaacc 660  
64 acaacaacct gacagagtct gtgggcccac ttcccaaate tctggaggat ctgcagctta 720  
66 ctcataacaa gatcacaag ctgggctctt ttgaaggatt ggtaaacctg accttcatcc 780  
68 atctccagca caatcggctg aaagaggatg ctgtttcagc tgcttttaa ggtcttaaat 840  
70 cactcgaata ccttgacttg agcttcaatc agatagccag actgccttct gggctccct 900  
72 gtctctcttc taactctcta cttagacaac aataagatca gcaacatccc tgatgagtat 960

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76 ggaataacctg gaaattcttt caatgtgtca tccctgggtg agctggatct gtcctataac 1080
78 aagcttaaaaa acataccaac tgtcaatgaa aaccttgaaa actattacct ggagggtcaat 1140
80 caacttgaga agtttgacat aaagagcttc tgcaagatcc tggggccatt atcctactcc 1200
82 aagatcaagc atttgcggtt ggatggcaat cgcactctcag aaaccagtct tccaccggat 1260
84 atgtatgaat gtctacgtgt tgctaacgaa gtcactctta attaatatct gtatcctgga 1320
86 acaatatattt atggttatgt ttttctgtgt gtcagttttc atagtatcca tattttatta 1380
88 ctggtttatta cttccatgaa ttttaaaatc tgagggaaat gttttgtaaa catttatattt 1440
90 ttttaaagaa aagatgaaag gcaggcctat ttcatcacaa gaacacacac atatacacga 1500
92 atagacatca aactcaatgc tttatttgta aatttagtgt ttttttatct ctactgtcaa 1560
94 atgatgtgca aaacctttta ctggttgcat ggaaatcagc caagttttat aatccttaaa 1620
96 tottaatggt cctcaaagct tggattaaat acatatggat gttactctct tgcaccaaatt 1680
98 tatcttgata cattcaaatt tgtctggtta aaaaatagggt ggtagatatt gaggccaaga 1740
100 atattgcaaa atacatgaag cttcatgcac ttaaagaagt attttttagaa taagaatttg 1800
102 catacttacc tagtgaaact tttctagaat tatttttcac tctaagtcac gtatgtttct 1860
104 ctttgattat ttgcatgta tgtttaataa gctactagca aaataaaaca tagcaaattg 1920
106 catcactgtg tttgacttct tgtgaaattt ctgtactttg tatataaaat acataaaaca 1980
108 atagat 1986

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111 &lt;210&gt; SEQ ID NO: 3

112 &lt;211&gt; LENGTH: 920

113 &lt;212&gt; TYPE: DNA

114 &lt;213&gt; ORGANISM: Homo sapiens

116 &lt;400&gt; SEQUENCE: 3

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118 ccgagagtcg tcgggggtttc ctgcttcaac agtgcttgga cggaacccgg cgctcggttcc 60
120 ccaccccggc cggccgcccc tagccagccc tccgtcacct cttcacccga ccctcggact 120
122 gcccacaggc ccccgcgcgc gctccagcgc cgcgcagcca ccgcccgcgc cgccgcctct 180
124 ccttagtcgc cgccatgacg accgcgtcca cctcgcagggt gcgccagaac taccaccagg 240
126 actcagaggc cgccatcaac cgccagatca acctggagct ctacgcctcc tacgtttacc 300
128 tgtccatgtc ttactacttt gaccgcgatg atgtggcttt gaagaacttt gccaaatact 360
130 ttcttcacca atctcatgag gagagggaac atgctgagaa actgatgaag ctgcagaacc 420
132 aacgagggtg ccgaatcttc cttcaggata tcaagaaacc agactgtgat gactgggaga 480
134 gcgggctgaa tgcaatggag tgtgcattac atttggaata aaatgtgaat cagtactac 540
136 tggaaactgca caaactggcc actgacaaaa atgaccccca tttgtgtgac ttcattgaga 600
138 cacattacct gaatgagcag gtgaaagcca tcaaagaatt gggtgaccac gtgaccaact 660
140 tgcgcaagat gggagcgcgc gaatctggct tggcggaata tctctttgac aagcacaccc 720
142 tgggagacag tgataatgaa agctaagcct cgggctaatt tccccatagc cgtgggggtga 780
144 cttccctggt caccaaggca gtgcatgcat gttgggggtt cctttacctt ttctataagt 840
146 tgtacaaaaa catccactta agttctttga tttgtaccat tccttcaaat aaagaaattt 900
148 ggtacccagg aaaaaaaaaa 920

```

151 &lt;210&gt; SEQ ID NO: 4

152 &lt;211&gt; LENGTH: 2139

153 &lt;212&gt; TYPE: DNA

154 &lt;213&gt; ORGANISM: Homo sapiens

156 &lt;400&gt; SEQUENCE: 4

```

158 caggcgatac ttctgttgcc cgggacgcta tatataacgt gatgagcgca cgggctgcgg 60
160 agacgcaccg gagcgctcgc ccagccgccc cctccaagcc cctgaggttt ccggggacca 120
162 caatgaacaa cttgctgtgc tgcgcgttcc gtgtttctgg acatctccat taagtggacc 180
164 acccaggaaa cgtttcctcc aaagtacctt cattatgacg aagaaacctc tcatcagctg 240
166 ttgtgtgaca aatgtcctcc tggtaacctac ctaaaacaac actgtacagc aaagtggaag 300

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Input Set : A:\PTO.AMC.txt

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168 accgtgtgcg ccccttgccc tgaccactac tacacagaca gctggcacac cagtgcagag 360
170 tgtctatact gcagccccgt gtgcaaggag ctgcagtagc tcaagcagga gtgcaatcgc 420
172 acccacaacc gcgtgtgcca atgcaaggaa gggcgctacc ttgagataga gttctgcttg 480
174 aaacatagga gctgccctcc tggatttgga gtggtgcaag ctggaacccc agagcgaaat 540
176 acagtttgca aaagatgtcc agatgggttc ttctcaaag agacgtcatc taaagcacc 600
178 tgtagaaaac acacaaattg cagtgtcttt ggtctcctgc taactcagaa aggaaatgca 660
180 acacacgaca acatatgttc cggaaacagt gaatcaactc aaaaatgtgg aatagatgtt 720
182 accctgtgtg aggaggcatt cttcaggttt gctgttctca caaagtttac gcctaactgg 780
184 cttagtgtct tggtagacaa ttgacctggc accaaagtaa acgcagagag ttagagagag 840
186 ataaaacggc aacacagctc acaagaacag actttccagc tgctgaagtt atggaaacat 900
188 caaaacaaag accaagatat agtcaagaag atcatccaag atattgacct ctgtgaaaac 960
190 agcgtgcagc ggcacattgg acatgtctaac ctacacctcg agcagcttcg tagcttgatg 1020
192 gaaagcttac cgggaaagaa agtgggagca gaagacattg aaaaaacaat aaaggcatgc 1080
194 aaaccagtg accagatcct gaagctgctc agtttggtgc gaataaaaaa tggcgacca 1140
196 gacaccttga agggcctaag gcacgcacta aagcactgca aagacgtacc actttcccaa 1200
198 aactgtcact cagagtctaa agaagaccat caggttcctt cacagcttca caatgtacaa 1260
200 attgtatcag aagttatatt tagaaatgat aggttaaccag gtccaatcag taaaaataag 1320
202 ctgcttataa ctggaaatgg ccattgagct gtttctctac aattggcgag atcccatgga 1380
204 tgagtaaact gtttctcagg cacttgaggc tttcagtgat atctttctca ttaccagtga 1440
206 ctaattttgc cacagggtac taaaagaaac tatgatgtgg agaaaggact aacatctcct 1500
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218 ctataaagaa acggtatgac ttaattttag aaagaaaatt atattctggt tattatgaca 1860
220 aatgaaagag aaaatatata tttttaatgg aaagtttgta gcatttttct aatagggtact 1920
222 gccatatatt tctgtgtgga gtatttttat aattttatct gtataagctg taatatcatt 1980
224 ttatagaaaa tgcattatgt agtcaattgt ttaatgttgg aaaacatatg aaatataaat 2040
226 tatctgaata ttagatgctc tgagaaattg aatgtacctt atttaaaaga ttttatggtt 2100
228 ttataactat ataaatgaca ttattaaagt tttcaaatt 2139

```

231 &lt;210&gt; SEQ ID NO: 5

232 &lt;211&gt; LENGTH: 157

233 &lt;212&gt; TYPE: DNA

234 &lt;213&gt; ORGANISM: Homo sapiens

236 &lt;400&gt; SEQUENCE: 5

```

238 cccaatacta agctcctctg gtagagcca gccatgagag aaactccaag tacttctgac 60
240 tggttctctc tctactcatc cacccttag gtggctgcag aaggaaactct gtgcaacccc 120
242 cagagttctc attctcagtg acagggaaat gtaatga 157

```

245 &lt;210&gt; SEQ ID NO: 6

246 &lt;211&gt; LENGTH: 2263

247 &lt;212&gt; TYPE: DNA

248 &lt;213&gt; ORGANISM: Homo sapiens

W--&gt; 249 &lt;220&gt; FEATURE:

W--&gt; 250 &lt;221&gt; NAME/KEY: 1-2263

251 &lt;222&gt; LOCATION: unknown

253 &lt;223&gt; OTHER INFORMATION: unsure at all n locations

W--&gt; 254 &lt;400&gt; SEQUENCE: 6

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256 acctctgacc acaacaaacc cctactccac ccggtottgt ttgtcccacc cttgggtgacg 60

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TIME: 17:12:09

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\02192002\I765231A.raw

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262 gcggcgcgctc cttgttctaa cccggcgcg ccatgaccgtc gcgcggccga gcgtgcccgc 240
264 ggcgctgccc ctccctcggg agctgccccg gctgctgctg ctggtgctgt tgtgcctgcc 300
266 ggccgtgtgg ggtgactgtg gccttcccc agatgtacct aatgcccagc cagctttgga 360
268 aggccgtaca agttttcccg aggatactgt aataacgtac aaatgtgaag aaagctttgt 420
270 gaaaattcct ggcgagaagg actcagtgat ctgccttaag ggcagtcaat ggtcagatat 480
272 tgaagagttc tgcaatcgtg gctgcgaggt gccacaagg ctaaattctg catccctcaa 540
274 acagccttat atcactcaga attattttcc agtcggtact gttgtggaat atgagtgcg 600
276 tccaggttac agaagaagac cttctctatc accaaaacta acttgccttc agaatttaaa 660
278 atggtccaca gcagtcgaat tttgtaaaaa gaaatcatgc cctaattccg gagaaatacg 720
280 aaatggtcag attgatgtac caggtggcat attatttggg gcaacccatgc tccttctcat 780
282 gtaacacagg gtacaaatta tttggctcga cttctagttt ttgtcttatt tcaggcagct 840
284 ctgtccagtg gagtgacccg ttgccagagt gcagagaaat ttattgtcca gcaccaccac 900
286 aaattgacaa tggataaatt caaggggaac gtgaccatta tggatataga cagtctgtaa 960
288 cgtatgcatg taataaagga ttcacatga ttggagagca ctctatttat tgtactgtga 1020
290 ataattgatg aggagagtg agtgggccac cacctgaatg cagaggaaaa tctctaactt 1080
292 ccaaggtccc accaacagtt cagaaaccta ccacagtaaa tgttccaact acagaagtct 1140
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296 gtacacctgt ttccaggaca accaagcatt ttcattgaaac aaccccaaat aaaggaagtg 1260
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308 tcttgaanaa agaacaactt gcagaattga gagtgaattc tttcctaaaa gtgtaagaaa 1620
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312 ttttccacaa gatctgtaat gttatttcca cttataaagg aaataaaaaa tgaaaaacat 1740
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316 agagagatga accacattat aaagtaattc ttggctgtaa ggcattttca tctttccttc 1860
318 gggttggcaa aatattttta aggtaaaaca tgctggtgaa ccaggggtgt tgatggtgat 1920
320 aaggaggaaa tatagaatga aagactgaat cttcctttgt tgcacaaata gagtttggaa 1980
322 aaagcctgtg aaaggtgtct tctttgactt aatgtcttta aaagtatcca gagatactac 2040
324 aatattaaca taagaaaaga ttatatatta tttctgaatc gagatgtcca tagtcaaatt 2100
326 tgtaaatctt attcttttgt aatatttatt tatatttatt tatgacagtg aacattctga 2160
328 ttttcatgtt aaaacaagaa aagttgaaga agatatgtga agaaaaatgt atttttccta 2220
330 aatagaaata aatgatccca ttttttggtt aaaaaaaaaa aaa 2263
333 <210> SEQ ID NO: 7
334 <211> LENGTH: 712
335 <212> TYPE: DNA
336 <213> ORGANISM: Homo sapiens
338 <400> SEQUENCE: 7
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342 gtttattttt ctattttttt ttcatggaaa aatggggtaa cttagcagtt tcaatattga 120
344 agactgaagt ttaaaaaaaa ttaaaattca aggtactttt aaaattcagt tagaaaagta 180
346 ggctttaaaa attatttaga acaagagtac caaagcggtg tgtgtatgtg tgtgtgtgta 240
348 tgcattgttg tggattgaaa aaactttgga gactgattac ttttcattat atatgtgtca 300
350 cagtgaacaa gcttttttgt gtcattgtaag attattgctt gcctctctaa ggaaggtcgt 360
352 gactgtttta atagacgggc aagggtggaac cttttgaaag atgagctttt gaataatagt 420

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354 tgtctgctag atcatggttt gtattgaact aacaaggttt gcagatctgc tgacttatat 480
356 aaagcttttt gattcctact aagctttaag atttaaaaaa tggtcaatgt tgaaatttct 540
358 gtggggctct atttttgctt tggctttctg gtgagagagt gaggaagcat tctttccttc 600
360 actaagtttg tctttcttgt cttctggata gattgatttt aagagactaa gggaaatttac 660
362 aaactaaaga ttttagtcat ctggtggaaa aggagacttt aagattgttt ag 712

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365 &lt;210&gt; SEQ ID NO: 8

366 &lt;211&gt; LENGTH: 1474

367 &lt;212&gt; TYPE: DNA

368 &lt;213&gt; ORGANISM: Homo sapiens

370 &lt;400&gt; SEQUENCE: 8

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372 ctcaagtggat aaaagacctt gagaatgtgt atcccagaag aagctggcca aggatatggg 60
374 agcaaccacc atgggaccag aagtctctct ggggcagggt tagtggtctt gctgcttctc 120
376 caggaggagg tctgcctaca aactggtttg ctactttacc aactgggtcc caggaccggc 180
378 aggaaccagg aaaattcacc cctgaggaat attgacctct tctatgctc tcatctcatc 240
380 tattcattgc gccagcatcg aaaacaaca ggttatcatc aaggacaaga gtgaagtgat 300
382 gctctaccag accatcaaca gtctcaaaa ccaagaatcc caaactgaaa attctcttgt 360
384 ccattggagg gtacctgttt ggttccaaag ggttccaccc tatggtggat tcttctacat 420
386 cacgcttgga attcattaac tccataatcc tgtttctgag gaaccataac tttgatggac 480
388 tggatgtaag ctggatctac ccagatcaga aagaaaacac tcatttcact gtgctgattc 540
390 atgagtttag agaagccttt cagaaggact tcacaaaatc caccaaggaa aggtctctct 600
392 tgactgcggg gggatatctg agggaggcaa atgattgata acagctatca agttgagaaa 660
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396 aagcccctta tcaactggcca caacagccct gctgagcaag gggtggcagg acagagggcc 780
398 aagctcctac tacaatgttg aatatgctgt ggggtactgg atacataagg gaatgccatc 840
400 agagaagggt gtcattgggc tccccacata tggggcactc cttcacactg gcctctgcag 900
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408 tgaagagtat ggagaccaag gttcagttct taaagaattt aaacctggga ggagccatga 1140
410 tctggtctat tgacatggat gacttcaact gcaaactcct caaccagggc ccttaccctc 1200
412 ttgtccaagc agtcaagaga agccttggct ccctgtgaag gattaactta cagagaagca 1260
414 ggcaagatga ccttgctgcc tggggcctgc tctctcccag gaattctcat gtgggattcc 1320
416 ccttgccagg cgggcctttg gatctctctt ccaagccttt cctgacttcc tcttagatca 1380
418 tagattggac ctggttttgt tttctgcag ctggtgactt gttgcctga agtacaataa 1440
420 aaaaaattca ttttgcctca gtaaaaaaaa aaaa 1474

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423 &lt;210&gt; SEQ ID NO: 9

424 &lt;211&gt; LENGTH: 592

425 &lt;212&gt; TYPE: DNA

426 &lt;213&gt; ORGANISM: Homo sapiens

W--&gt; 427 &lt;220&gt; FEATURE:

W--&gt; 428 &lt;221&gt; NAME/KEY: 1-592

429 &lt;222&gt; LOCATION: unknown

431 &lt;223&gt; OTHER INFORMATION: unsure at all n locations

W--&gt; 432 &lt;400&gt; SEQUENCE: 9

```

434 actttctctg tgacgctttg cttttcttct gctcttgggt agaaagtgcc tcttcttctc 60
W--> 436 caggatcagg acctctgcca tccagcgcca caaagagaca tttctgcaca cacactnnnn 120
W--> 438 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ncccagagac aaacttaagg tgaggagaaa 180
440 gagegctagt ttcaattgat ctccagcttc caacttaagc agaacttgag agcatccgaa 240
442 ctcttgatt tcaggacaag tgaagaagat tctttgggct ataaagatga agagtctact 300

```

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

## VERIFICATION SUMMARY

DATE: 02/19/2002

PATENT APPLICATION: US/09/765,231A

TIME: 17:12:10

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\02192002\I765231A.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:249 M:283 W: Missing Blank Line separator, <220> field identifier  
L:250 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6  
L:254 M:283 W: Missing Blank Line separator, <400> field identifier  
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:427 M:283 W: Missing Blank Line separator, <220> field identifier  
L:428 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9  
L:432 M:283 W: Missing Blank Line separator, <400> field identifier  
L:436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:712 M:283 W: Missing Blank Line separator, <220> field identifier  
L:713 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14  
L:717 M:283 W: Missing Blank Line separator, <400> field identifier  
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:1146 M:283 W: Missing Blank Line separator, <220> field identifier  
L:1147 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21  
L:1151 M:283 W: Missing Blank Line separator, <400> field identifier  
L:1153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1442 M:283 W: Missing Blank Line separator, <220> field identifier  
L:1443 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:1447 M:283 W: Missing Blank Line separator, <400> field identifier  
L:1473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:1648 M:283 W: Missing Blank Line separator, <220> field identifier  
L:1649 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:30  
L:1653 M:283 W: Missing Blank Line separator, <400> field identifier  
L:1659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:2402 M:283 W: Missing Blank Line separator, <220> field identifier  
L:2403 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:41  
L:2407 M:283 W: Missing Blank Line separator, <400> field identifier  
L:2445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41  
L:2512 M:283 W: Missing Blank Line separator, <220> field identifier  
L:2513 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:42  
L:2517 M:283 W: Missing Blank Line separator, <400> field identifier  
L:2519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42  
L:3102 M:283 W: Missing Blank Line separator, <220> field identifier  
L:3103 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:61  
L:3107 M:283 W: Missing Blank Line separator, <400> field identifier  
L:3109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:3111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:3436 M:283 W: Missing Blank Line separator, <220> field identifier  
L:3437 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:79  
L:3441 M:283 W: Missing Blank Line separator, <400> field identifier  
L:3445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:3447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:3465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:3474 M:283 W: Missing Blank Line separator, <220> field identifier  
L:3475 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:80

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/765,231A

DATE: 02/19/2002

TIME: 17:12:10

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\02192002\I765231A.raw

L:3479 M:283 W: Missing Blank Line separator, <400> field identifier

L:3481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80

L:3483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80